



HOW TO  
USE  
YOUR



**Bell & Howell**

# PROJECT-OR-VIEW SLIDE PROJECTOR

300 • 500-WATT MODELS

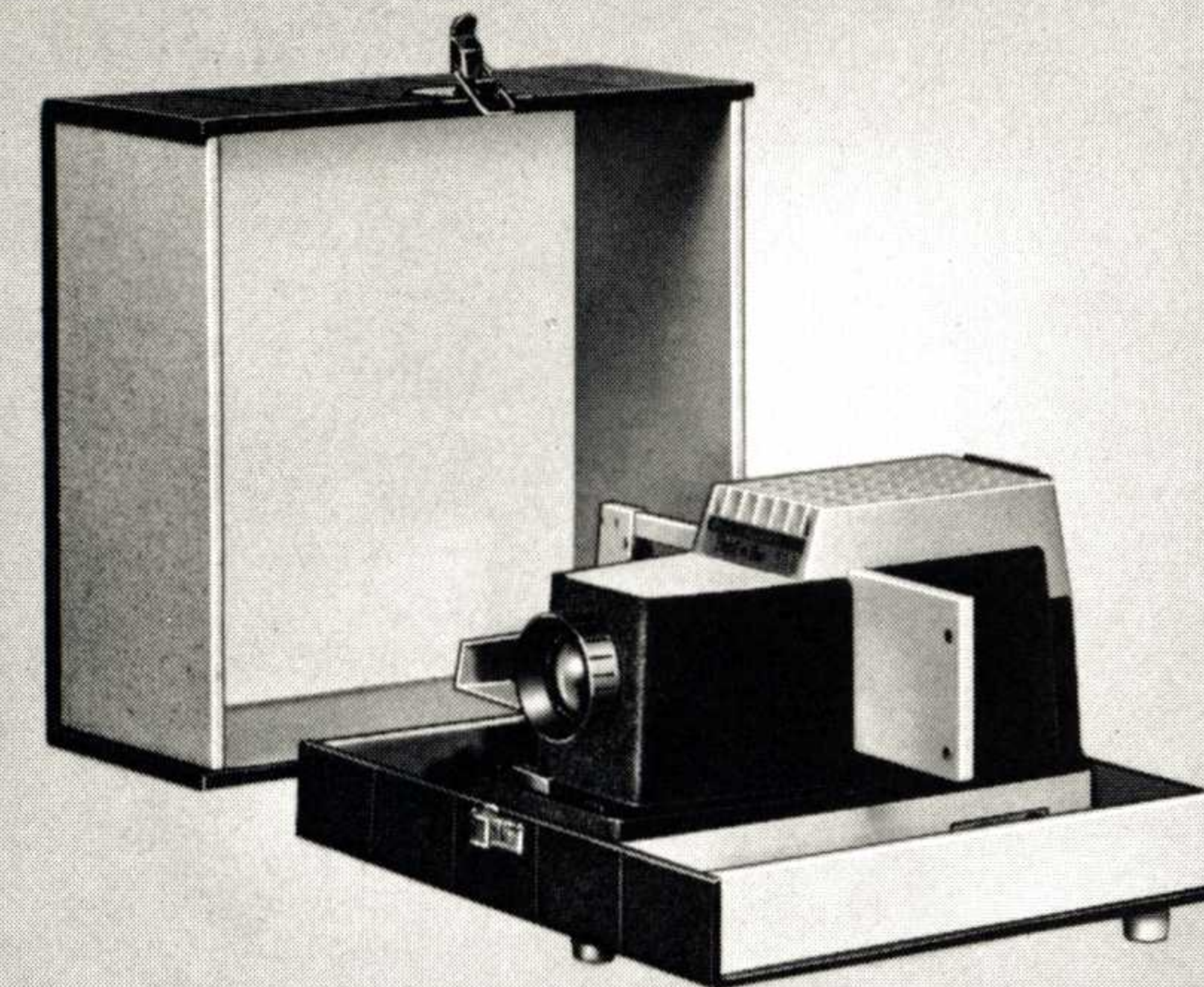




GET ACQUAINTED  
WITH YOUR  
PROJECT-OR-VIEW  
SLIDE PROJECTOR

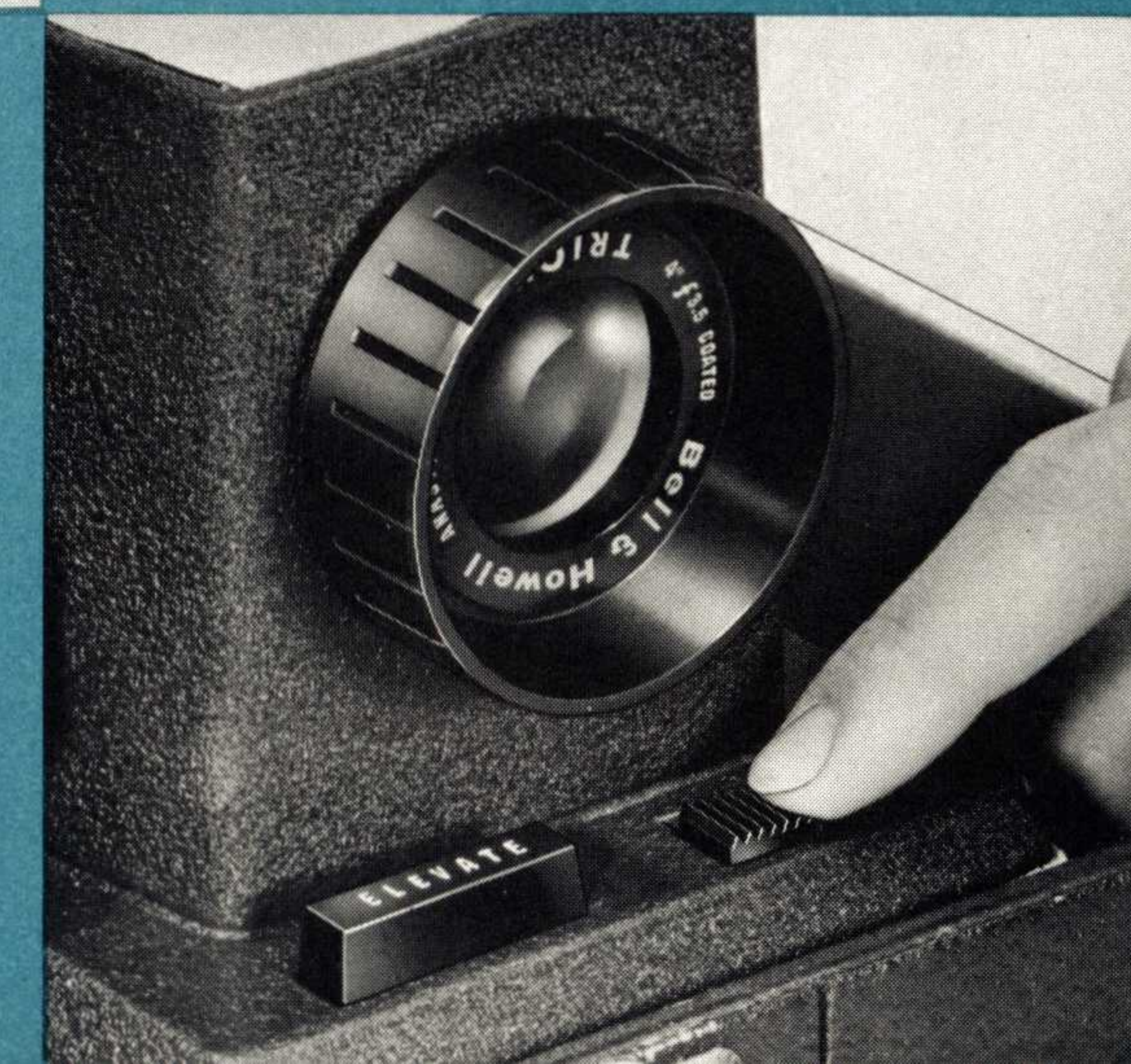
Open this flap of your instruction booklet. Keep the flap open as you read through the instructions that follow. This will give you a quick reference to all the working parts of your projector. Familiarity with these names before operating your projector will assure complete success at your very first show.

SETTING UP  
IS FAST  
AND EASY

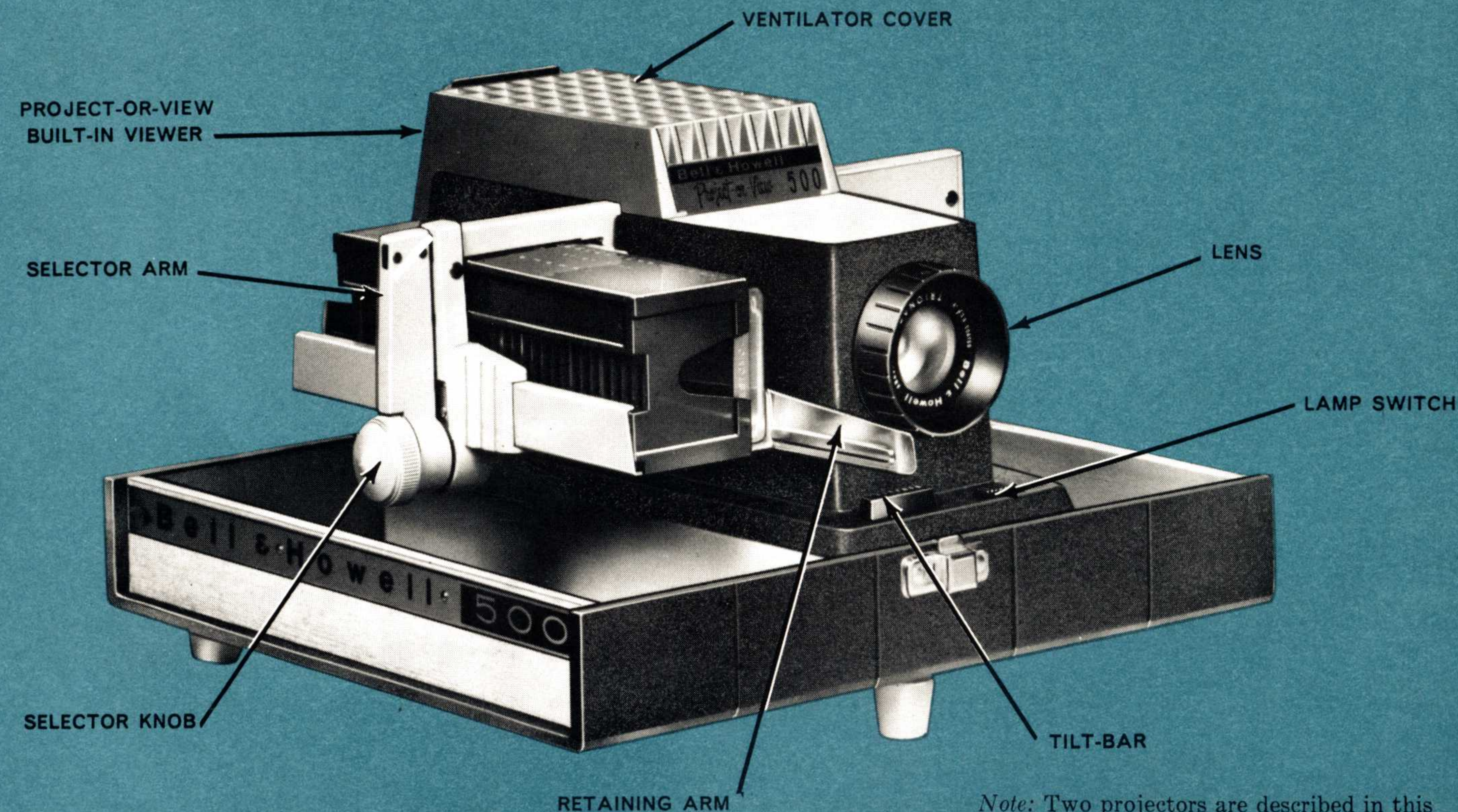


Place your projector on a firm stand or table. Don't block the cooling system of your projector by leaving loose papers or a tablecloth under it when you put on a show. For convenience, and a quick look at your slides, you may want to use the screen built into the projector case cover.

Your Project-Or-View operates on 110-120 volt, 60 cycle *alternating current only*. Unwind and plug in the projector line cord. To turn on the lamp, slide the switch at the front of the projector toward the Tilt-Bar. The lamp and blower will turn on simultaneously.







*Note:* Two projectors are described in this booklet. The 300-watt (706P) and the 500-watt (710). Except for the lamp and optical system, both projectors are similar in appearance and operate identically.

## GETTING THE SHOW ON YOUR SCREEN

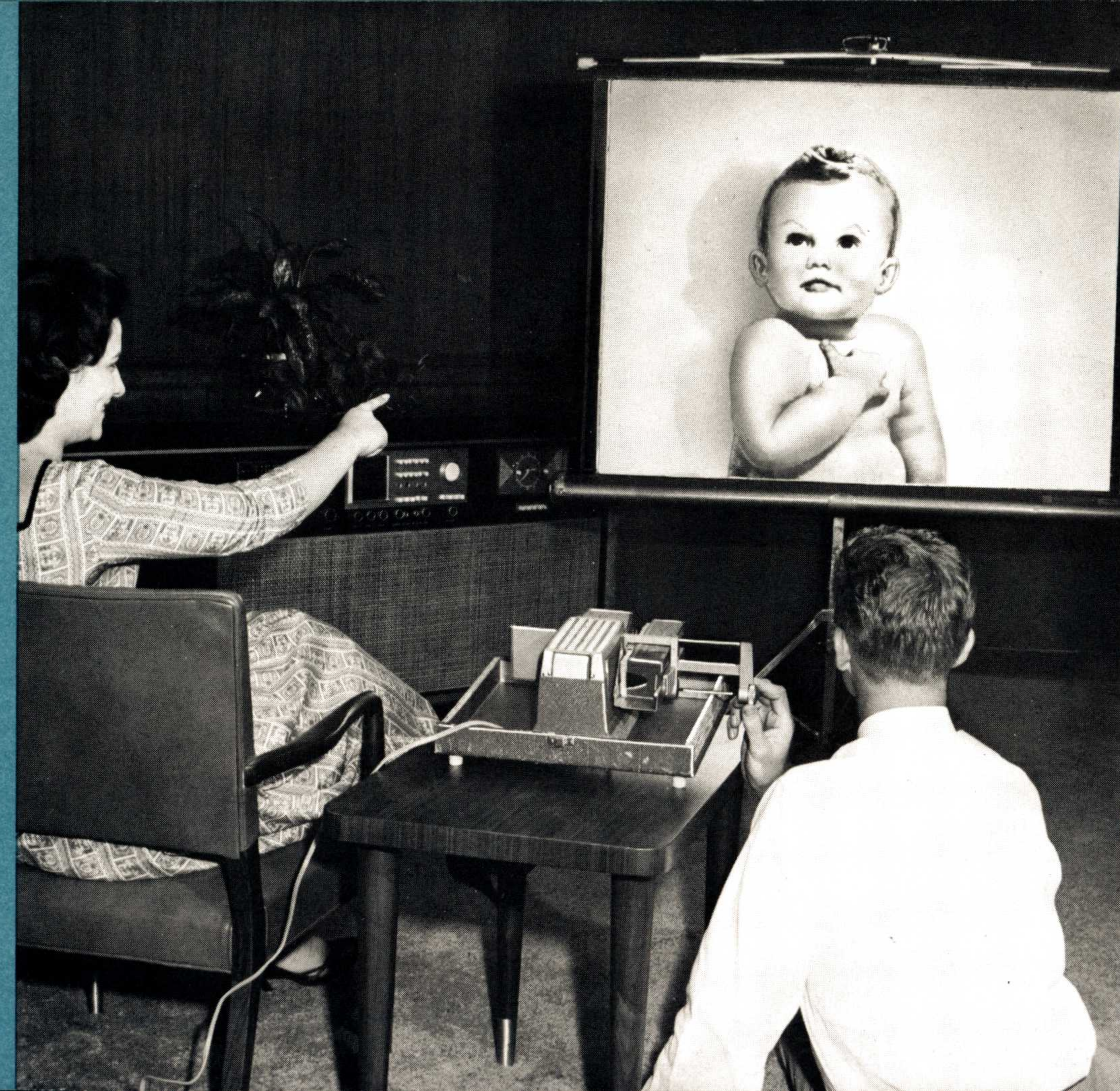
### WITH YOUR PROJECT- OR-VIEW

IS AS EASY AS



- 1.** Here's the first simple step.  
Set up your projector and screen.
- 2.** Now all you have to do is plug in the line  
cord, flick the switch to lamp.
- 3.** Bring your first slide into position—  
focus the lens—and watch your slides  
come to life in breathtaking color.

The following pages give  
full details on the operation of  
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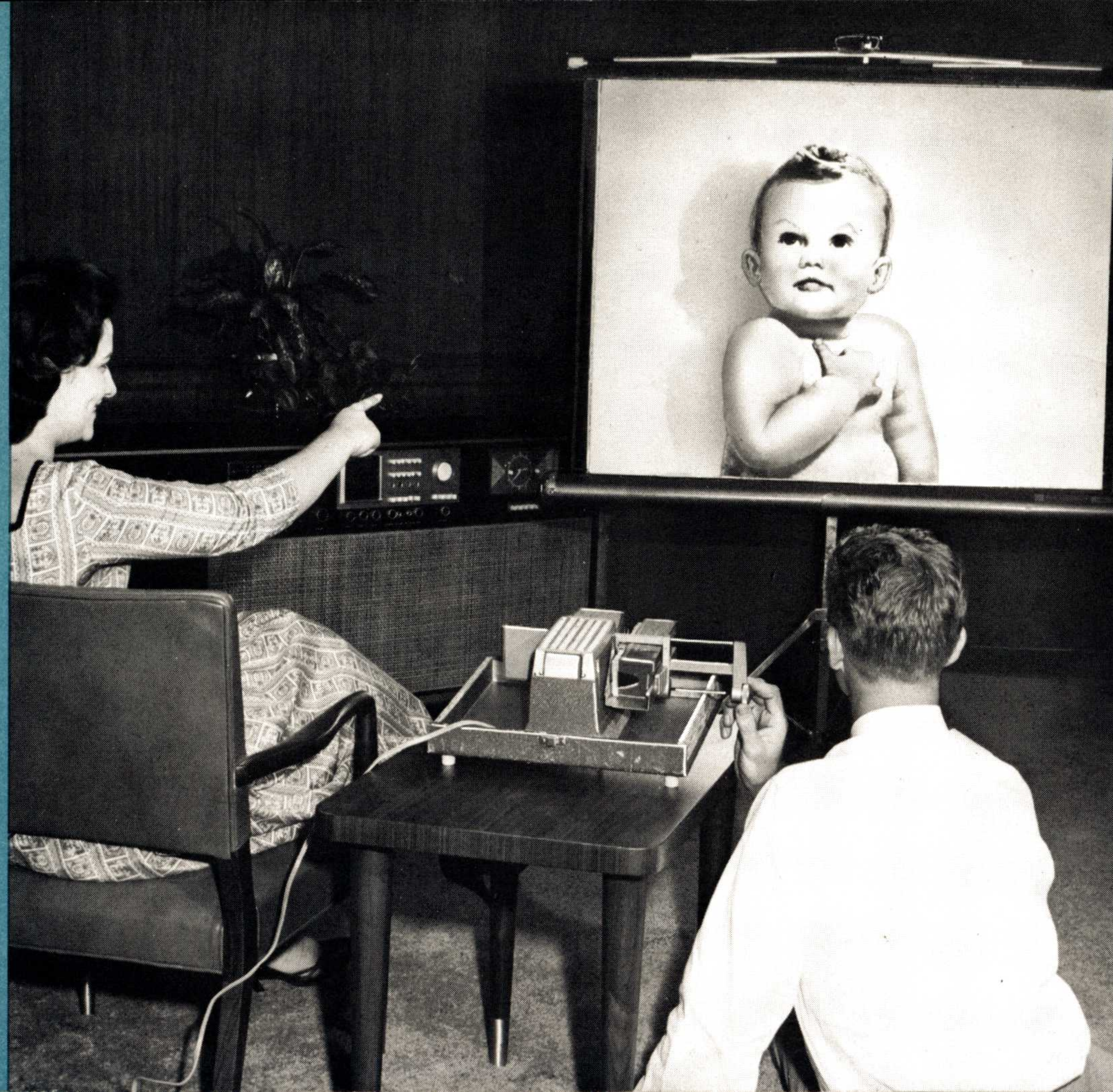
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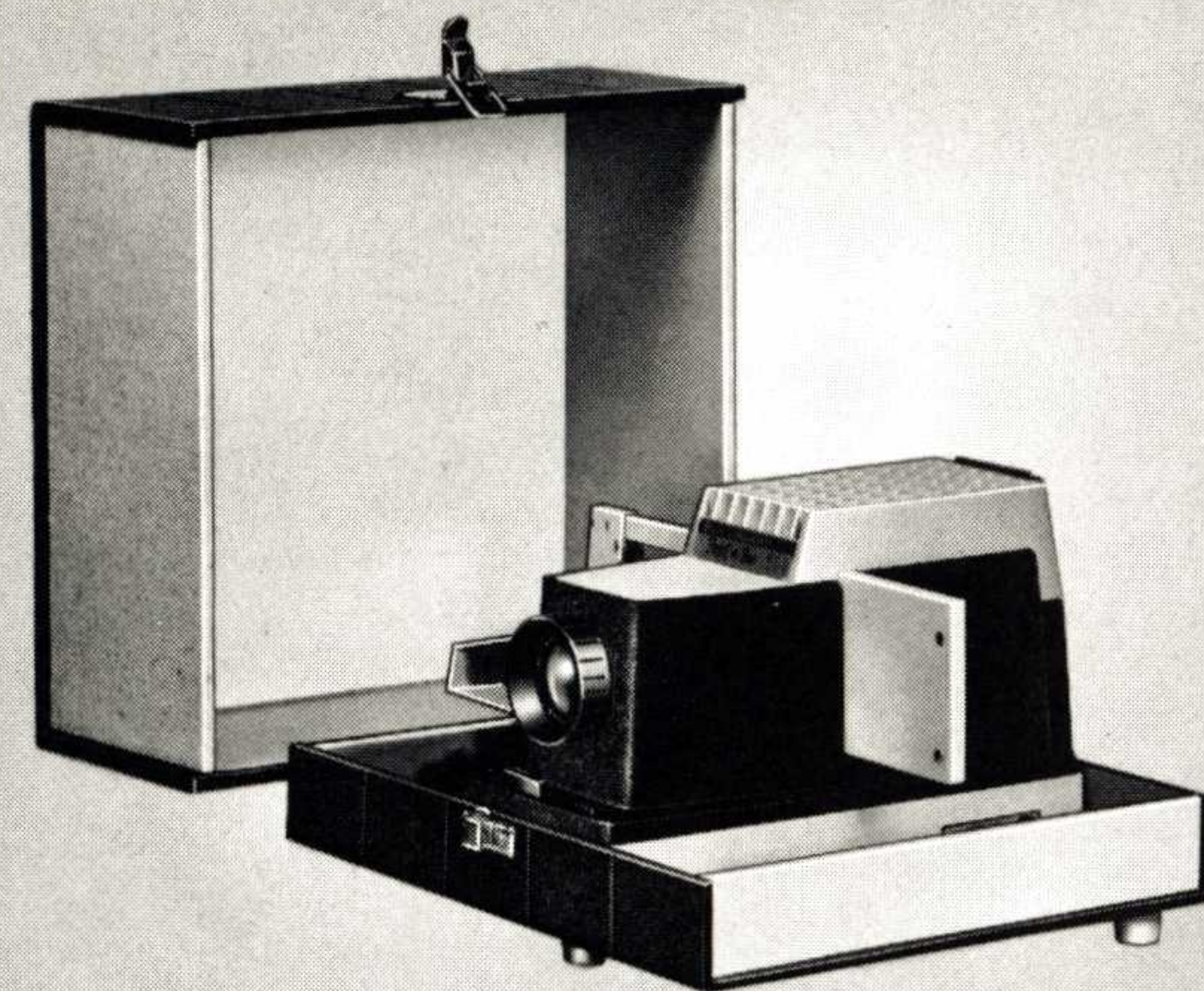


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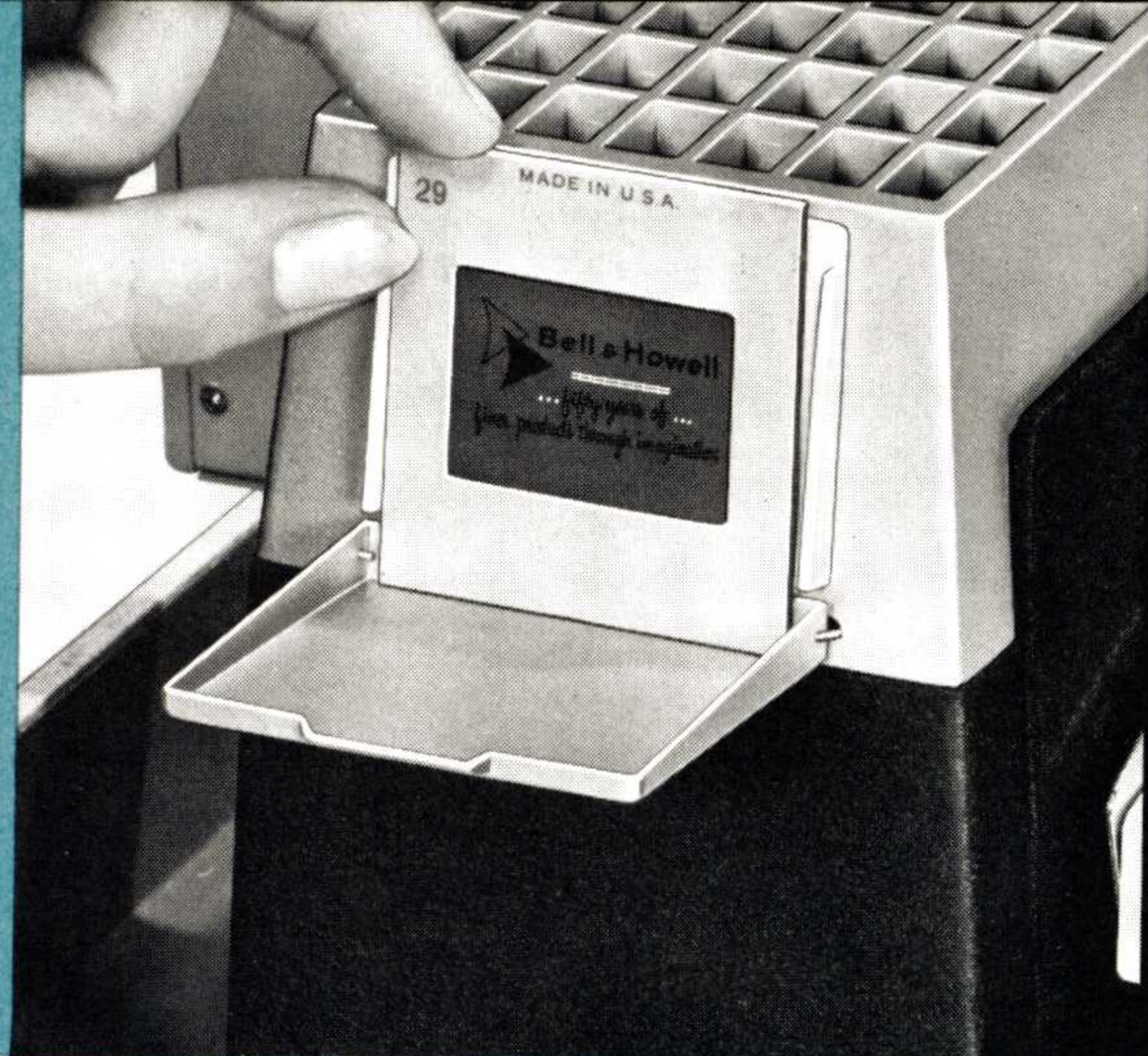
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The Built-in Viewer lets you look at individual slides, or arrange them in a story-telling sequence in the slide tray. (See tray loading instructions page 5). Here's how easy it is: place a slide into the Built-in Viewer right side up, as illustrated. There are no adjustments for you to make when viewing slides in the Built-in Viewer.

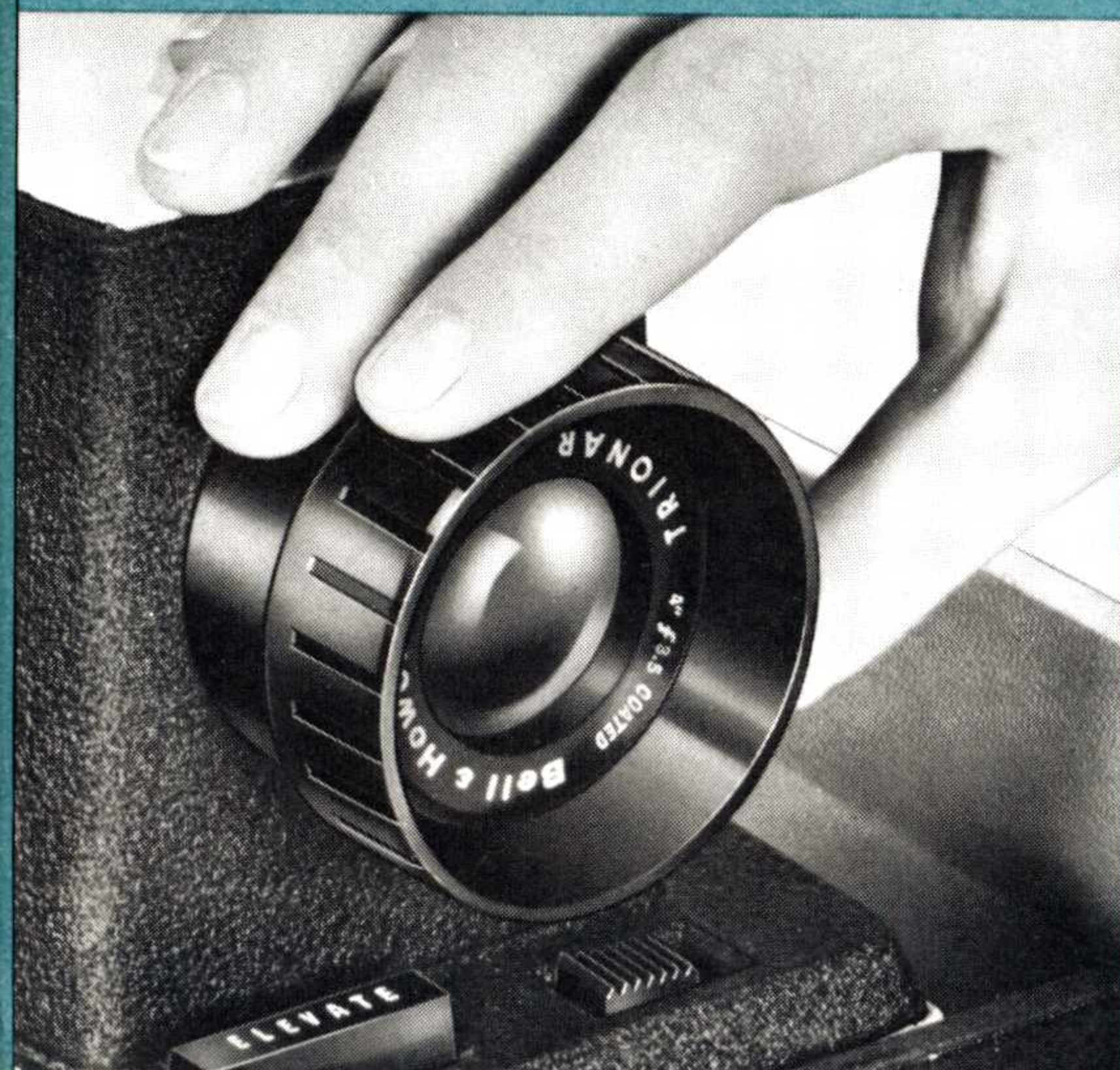


## BUILT-IN VIEWER

## LOADING THE MICRO-FIT SLIDE TRAY



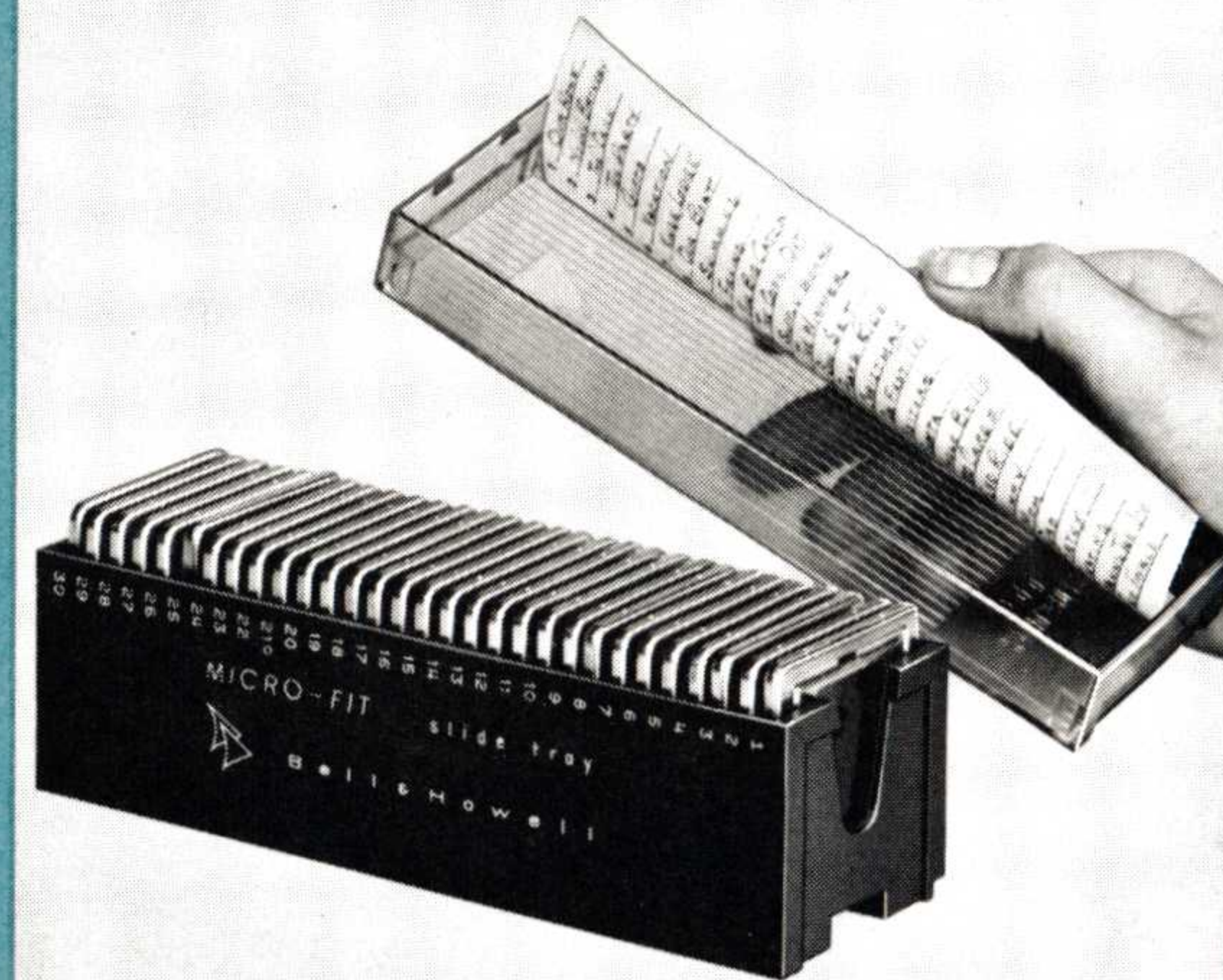
Hold the slide tray in your left hand with the numbered side down, open side to the right. Place your first slide in the Built-in Viewer, right side up, dull (emulsion) side toward projector. Pick up the slide and load it into the number "1" slot of the tray. Do not twist or turn the slide before inserting into tray.



The lens on your projector is easily focused. Just rotate the front of the lens until the picture is sharp. When your first picture is sharply focused, make tilt adjustments by raising the front of the projector and pressing down the Tilt Bar. Release the Tilt Bar when your picture is at proper level and the front leg will lock in place.

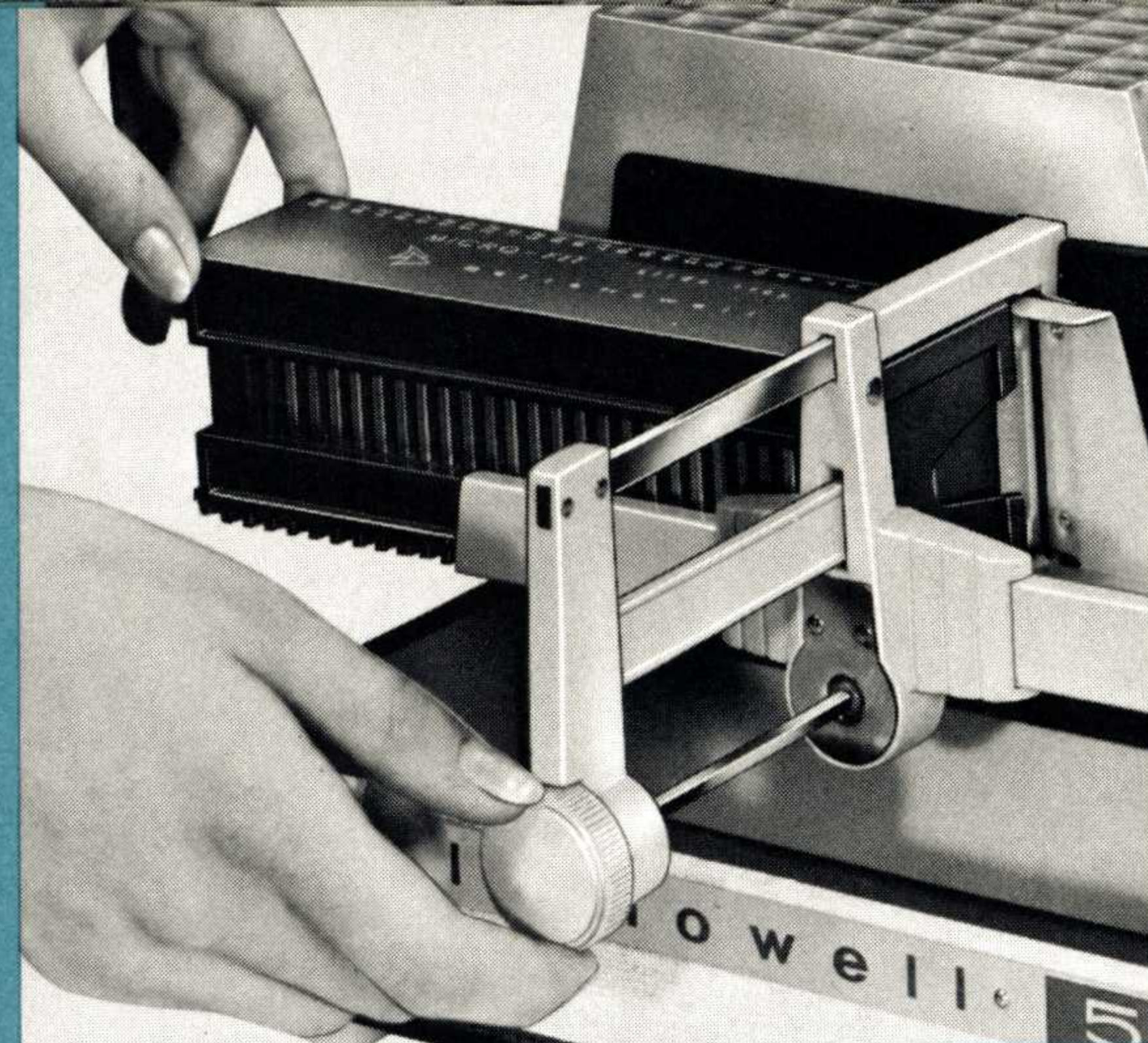
## FOCUSING AND TILTING

You'll enjoy the convenience of storing your slides permanently in Micro-Fit trays. Each projector is furnished with one custom made tray, a plastic cover, and an index on numbered, self adhesive label. Fill in and affix this index to the inside of the plastic cover (not to the tray) for quick easy reference. Additional trays are available from your Bell & Howell dealer.





Before you operate your Semimatic Changer, fold out the two retaining arms. Place the loaded Micro-Fit tray on the rear platform with the numbered side up and the open side facing the projector. Push the tray gently with your left hand at the same time turning the Selector Knob one click clockwise with your right hand. This will bring the tray into position for showing your first slide.



## LOADING THE SEMIMATIC CHANGER

Push the Selector Arm all the way in, to project your first slide. Pulling the Selector Arm all the way out will return the slide to the tray. Advance the tray to the next slide by turning the Selector Knob. Always be sure the Selector Arm is withdrawn as far as it will go before turning the Selector Knob.

Should you wish to skip or review a slide, withdraw the Selector Arm. The tray can then be moved forward or backward by turning the Selector Knob.

## FAULTY SLIDES

It is almost impossible to jam normal slides in the Semimatic Changer. However slides which are bent, worn, or glass mounted slides in loose mounts may occasionally cause trouble. If a slide in this condition jams the Changer, remove the tray and then the Changer from the projector. This is done by lifting off the Ventilator Cover and loosening the screw that holds the Changer in place. The slide will then be accessible through the aperture.

PROJECTION DISTANCE TABLE

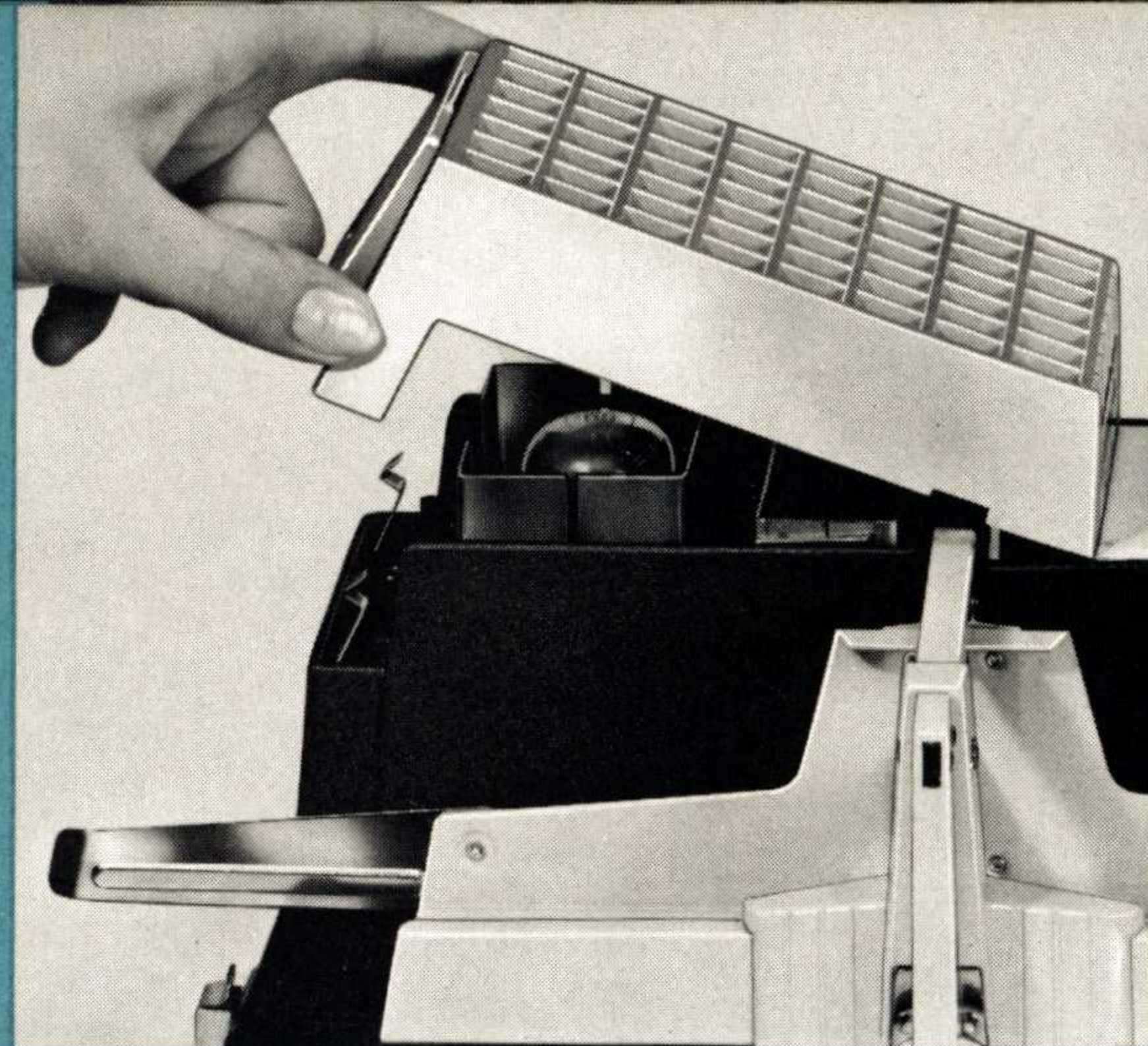
SCREEN WIDTH, INCHES					
40	50	60	70	84	96
PROJECTOR TO SCREEN DISTANCE IN FEET					
11	13	16	18	22	25

## PROJECTION DISTANCE TABLE

The size of your projected picture depends on the distance between your projector and screen. To determine the location of your screen use the chart as a quick reference.



Your projector is lubricated at the factory and requires no oiling by you. However, we recommend that it be cleaned and checked periodically by the Factory Branch Office, or Approved Bell & Howell Service Station.

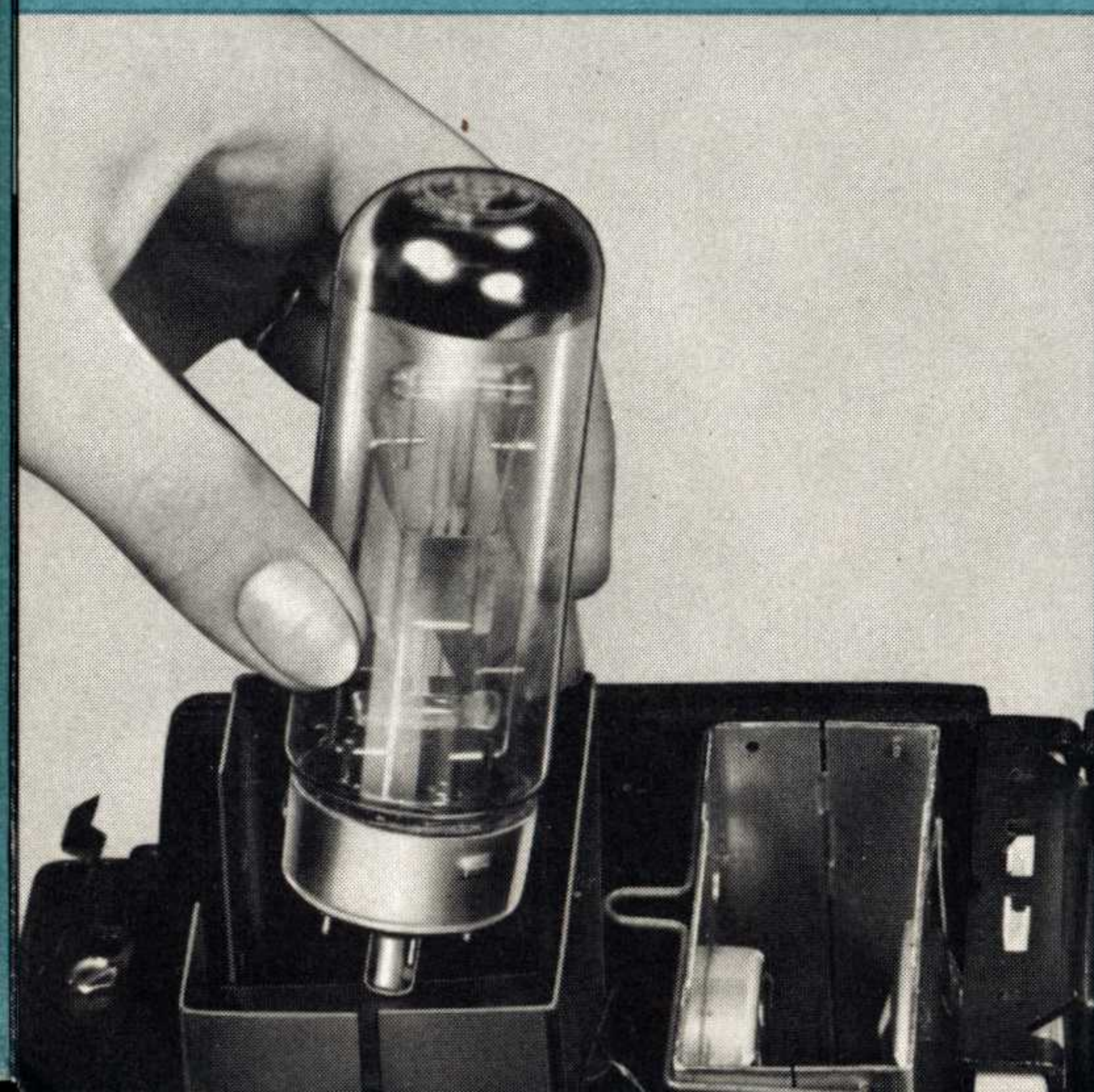


## MAINTENANCE

## CLEANING THE OPTICS

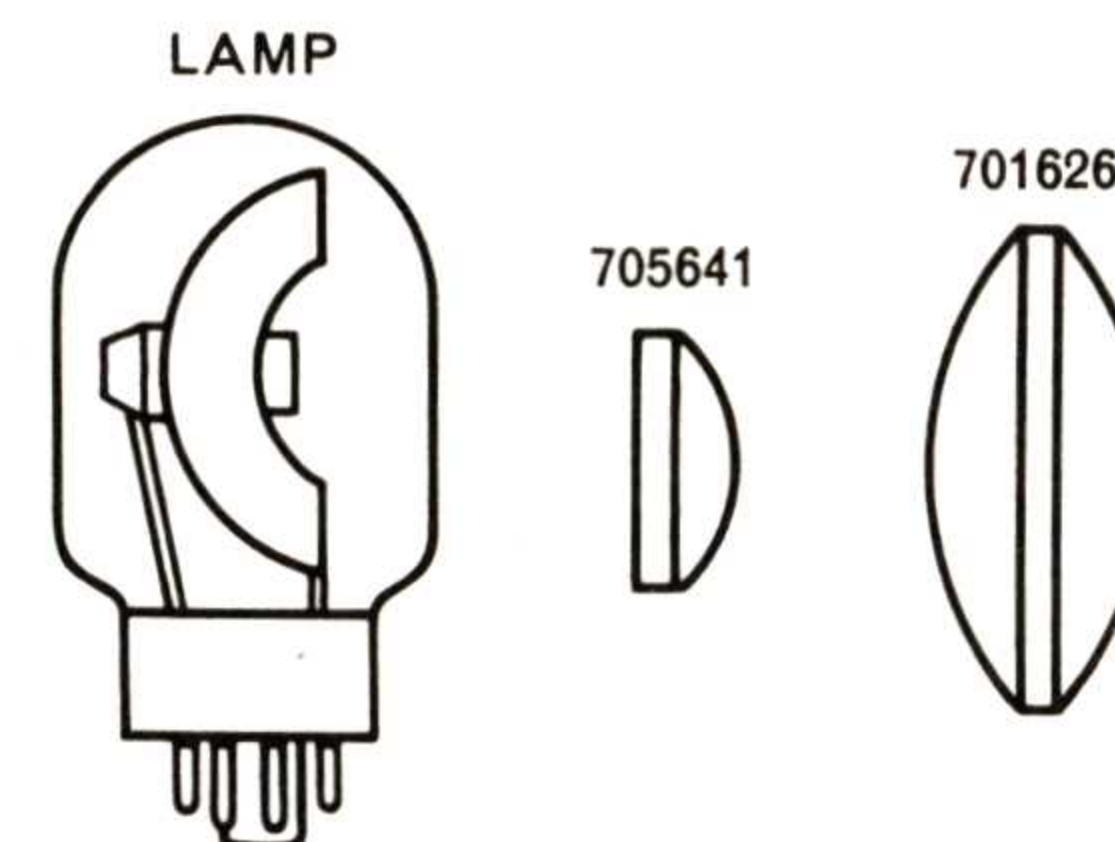
The optical system of your projector is exceptionally easy to clean. Let the projector cool so you can handle it comfortably. Grasp the rear Ventilator Cover and lift up until the springs holding the cover release. Remove the Slide Changer by removing the retaining screw holding the changer lock in place. Remove the lamp as described on the preceding page. The optical system on the Project-Or-View (706P) can now be cleaned in place. On the Project-Or-View (710), lift up the wire latch to remove the heat filter.

Tilt frame holding heat filter back and lift out. After cleaning, replace heat filter frame and lock in place with wire latch. Use a clean lint-free cloth or a piece of lens tissue to clean the optical elements. If there are fingerprints or marks on the optics, moisten the cloth or tissue with Bell & Howell Opti-Kleen lens cleaner. To clean the rear surface of the lens, rotate the lens counterclockwise until it disengages from its mount. Never use sharp tools on your projector.

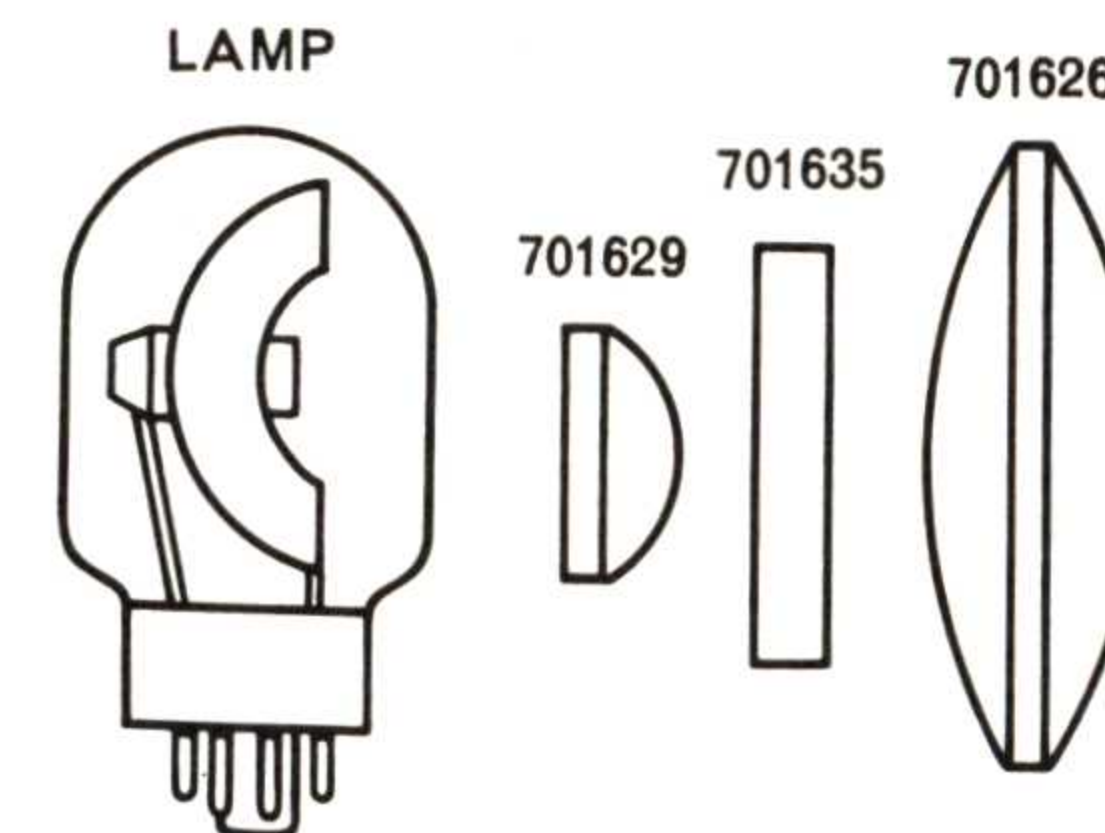


If a lamp burns out, disconnect the line cord. Grasp the rear Ventilator Cover and lift up until the springs holding the cover release, as illustrated. Let the lamp cool until you can handle it comfortably, then grasp the top with your fingers and pull out. To insert a new lamp, align the center guide pin of the lamp, with the lamp socket by rotating the lamp. Press in to insert. Use a 300-watt (CAL) lamp if your projector is a (706P). Use a 500-watt (CZA) lamp if your projector is a (710).

## LAMP REPLACEMENT



ELEMENTS OF PROJECT-OR-VIEW  
(706P) OPTICAL SYSTEM  
300-WATT



ELEMENTS OF PROJECT-OR-VIEW  
(710) OPTICAL SYSTEM  
500-WATT



## PLANNING A SHOW

Planning on having some friends in for a show soon? Then why not have your projector all set up—loaded with a tray and the lens focused on your screen. When your friends arrive, a flick of a switch will start your show without any unnecessary delay.

## BRILLIANT ILLUMINATION

While you're setting up, use a soft cloth and a drop of Bell & Howell Opti-Kleen to wipe off any dust or dirt which might have accumulated on the projection lens, or optics. This will give you the brilliant illumination you can expect from your Bell & Howell slide projector.

## MAKES YOUR SLIDES TELL A STORY

No matter how many slides you have, they should be arranged in Micro-Fit trays so they tell a story. Dramatic interest can be built up by showing your slides in an order that leads to a climax. With a little time and effort, you can produce slide stories of professional quality.

## KEEP YOUR SLIDES SAFE

To protect your slides, keep them in a cool dry place stored in Bell & Howell Micro-Fit trays. You'll have quick reference to any slide you want to show, if you use the indexing label on the inside of the tray cover to index your slides.

## *The Infallible*

ELECTRIC EYE  
STILL CAMERA



This amazing new Electric Eye still camera sets itself for you automatically . . . instantly . . . continuously. All you do is point it and press the button. You'll take 12 sharp, brilliant color slides—or exciting full-color prints—or crisp, black-and-white size "127" snapshots your very first try.

## TIPS FOR PROJECTING A BETTER SLIDE SHOW...

## *Perpetua 393E*

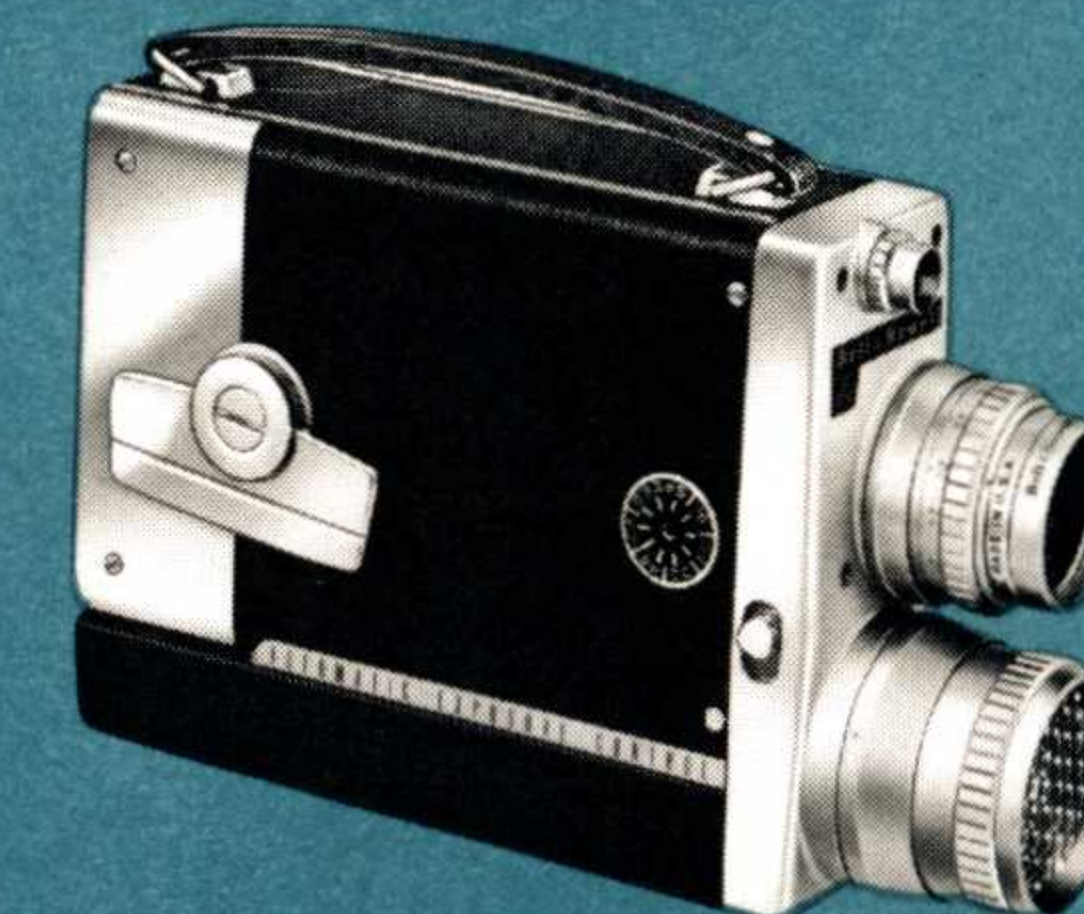
ELECTRIC EYE  
8mm MOVIE CAMERA



Revolutionary automatic 8mm Electric Eye turret movie camera; sets lens for you as you shoot. Features 3 special f/1.8 lenses in an integrated turret. Shoot varied shots without moving a step. At the press of a button you get perfect color movies every time.

## *200EE*

16mm ELECTRIC EYE  
MOVIE CAMERA



Here's an Electric Eye camera that loads in just three seconds, gives big screen color movies automatically. Just sight and press a button to capture every scene even in varying light conditions.





**Bell & Howell**

## GUARANTEE

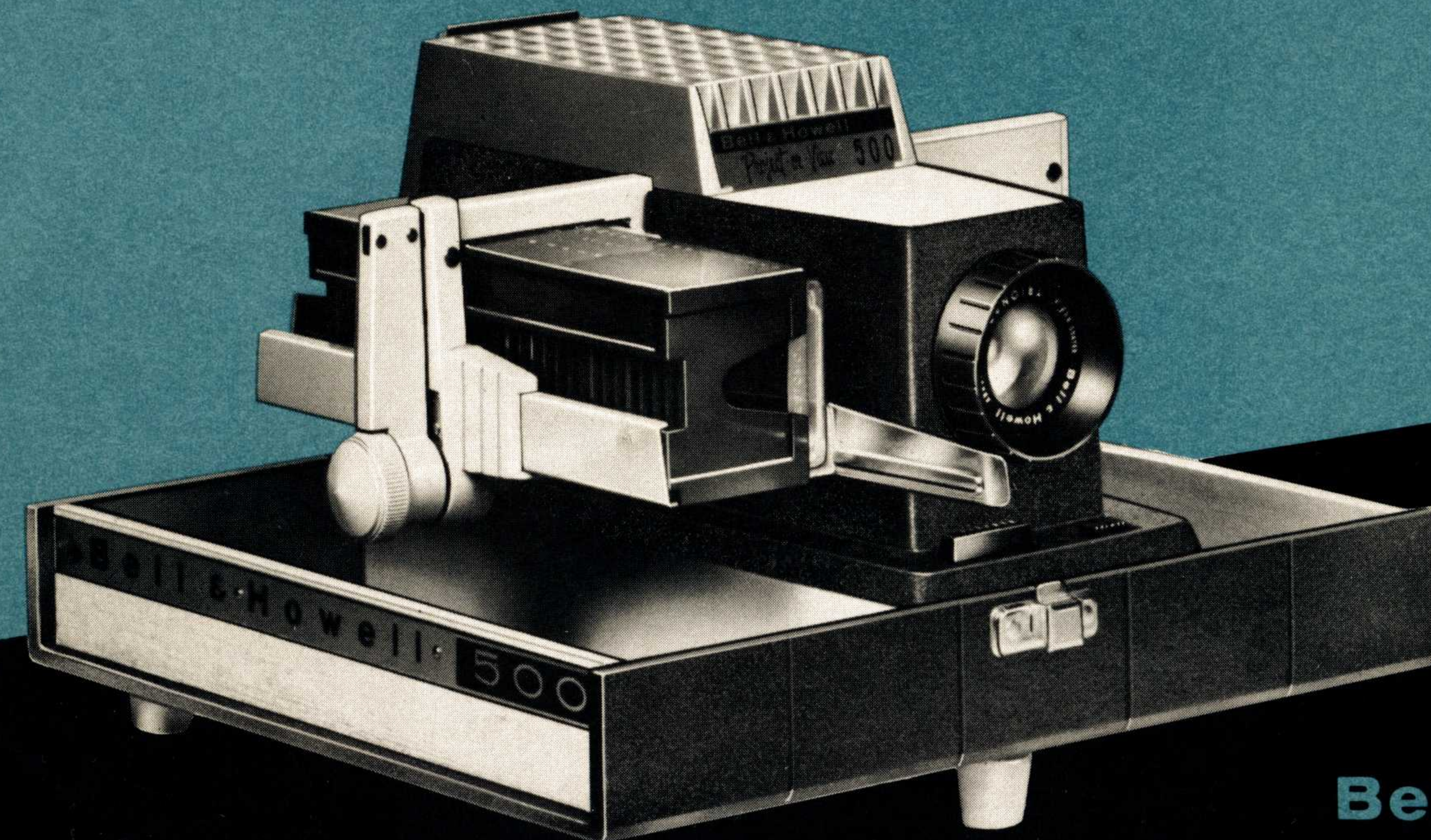
This new Bell & Howell product is guaranteed to be free from imperfections in both material and workmanship for one year from date of original purchase. Should any part of this equipment be defective, it will be replaced or repaired free of charge (except for transportation), provided the equipment has been operated according to the instructions accompanying it.

No liability is assumed for film which is damaged or is unsatisfactory for any reason and no liability is assumed for interruptions in operation of equipment. This guarantee is void:

- a) If equipment has not been registered with Bell & Howell (please use card supplied);
- b) If equipment has been damaged by accident or mishandling;
- c) If equipment has been serviced by other than Bell & Howell approved stations;\*
- d) If adaptations or accessories other than Bell & Howell have been made or attached.

The foregoing is in lieu of all other warranties express or implied and Bell & Howell Company neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with this product.

*\*Location of nearest approved service station will be furnished on request.*



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